

Nature of Damping of Vibrations (in Iron and Steel
by V. I. Prosvirin, N. N. Morgunova.

RUSSIAN, per, Vest Mashinostroeniya, Vol XXXII,
No 5, 1952, pp 53-59.

Brutcher Tran 3559
\$7.20

Sci - Minerals/Metals, ~~Chemistry~~

29,810

Some Properties of Iron Powders Produced by
Atomization, by V. I. Prosvirin, A. F. Silaev

RUSSIAN, per, Vest Mash, Vol XXXIII, No 9, 1953,
pp 59-61.

Brutoher Tr 3296

Scientific - Minerals/Metals
Jul CTB/DEX Price \$3.60

15,970

Internal Friction of Steel and Temper
Brittleness, by E. I. Kvashnina, V. I. Prosvirin.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 1, 1955, pp 157-159.

34,056

Brutcher Tr
No 3555

\$2.90

Scientific - Min/Metals

May 56 CTS/DEX

Effect of Carbide Forming Elements on the Annealing
Brittleness of Steel, by V. I. Prosvirin, E. I.
Kvashmina, 22 pp, (IF 656394).

RUSSIAN, no per, Vest Mash, Vol XXXV, No 2, 1955,
pp 58-67. C/A 563714

ATIC P-TS-8774/V

Bratcher No 3560
\$9.80

Sci - Min/Metals
Nov 56 CTS

40,996

Position of the Cold-Shortness Threshold in Temper
Embrittlement, by V. I. Prosvirin, E. I. Kvashnina.

RUSSIAN, no per, Metal i Obrabotka Metallov, No 3,
Mar 1955, pp 17-20.

Henry Bratcher
No 3911
\$2.90

Sci - Min/Metals
Sep 57

53,204

(FDD 28492)

On the Periodicity of the Decomposition of Solid
Solutions, by V. I. Prosvirin, 5 pp.

RUSSIAN, no per, Is Ak Nauk SSSR, Otdel Tekh Nauk,
FIKXX No 6, Moscow, 8 Jun 1955, pp 149, 150.

CIA/FDD U-8841

USSR
Sci - Physics
Oct 56

39,722

On the Nature of Temper Brittleness in
Pearlitic Steels, by V. I. Prosvirin,
E. I. Kvashnina.

RUSSIAN, no per, Metallovedeniye i Obrabotka
Metallov, Vol II, No 2, 1956, pp 34-49,

Henry Bratcher Tr No 3732
\$11.80

Sci - Min/Metals
Apr 1957 CTS/dex

47,038

Some Characteristics of the Hot Brittleness of
Austenitic [Cr-Ni-W-Co-Mo-Cb] Steel EI 673, by
V. I. Prosvirin, L. F. Chernov.

RUSSIAN, per, Vest Mash, Vol XXXVII, No 8,
1957, pp 70-72.

BB 4809

Sci - Chem

118,414

Jun 60

Effect of High-Temperature Heating on Some
Properties of Nickel-Chrome-Tungsten-Titanium
Steel, by V. I. Prosvirin, L. F. Chernov.

RUSSIAN, per, Metal i Obra Metallov, No 6, 1958,
pp 10-14.

HB 4246

Sci - Min/Met

Apr 61

147,470

Phases Present in Chromium-Nickel Austenitic
Steels Containing Titanium, by V. I. Prosvirin.

RUSSIAN, per, Metal i Obra Metallov, No 10,
1958, pp 2-5.

Henry Bratcher 4387
\$2.75

Sci - Min/Met

May 59

86,628

Prosvirin, V. I. and Chernov, L. F.
EFFECT OF HIGH-TEMPERATURE HEATING ON
SOME PROPERTIES OF NICKEL-CHROME-TUNG-
STEN-TITANIUM STEEL. Jan/Feb 61, 1500 words.
Order from HB \$4.25 HB-4246

Trans. of Metallovedeniye i [Termicheskaya]
Obработка Metallov (USSR) 1958, no. 6, p. 10-14.

(Metallurgy, TT, v. 5, no. 8)

61-12832

1. Steel--Temperature factors
2. Steel--Mechanical properties
 - I. Prosvirin, V. I.
 - II. Chernov, L. F.
 - III. HB-4246
 - IV. Bratcher, Henry, Altadena, Calif.

Office of Technical Services

The Hardenability of Heat Resisting Alloys, by
V. I. Prosvirin, 3 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VII,
No 4, 1959, pp 622-625.

PP

Sci

Aug 60

123,578

Metallic Surface Diffusion Treatment in Aerosols,
~~XXXXXXXXXXXXXXXXXXXX~~ by V. I. Prosvirina, et al,
RUSSIAN, per, Metal Term Obra Metallov No 6, 1959,
pp 24-38.

HB 4744

Sci - Chem

Apr 61

144,994

Determination of Resistance to Plastic
Deformation According to Equal-Size Impressions
by Means of the PMT-3 Machine, by V. D.
Mortikov, V. I. Prosvirin, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 8, 1959,
pp 999.

Instru Soc of Amer

Sci
Aug 60

123,481

Corrosion Attack on Hot Iron in a High Velocity
Stream of Cold Air, by V. I. Prosvirin, L. Ya.
Nesgovarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII,
(CXXXIX), No 3, 1961, pp 628-.

CB

Sci

Nov 62

217,978

The Breakdown of Heated Metals and Alloys in an Air Stream at Supersonic Velocities, by L. Ya. Mesgovorov, V. I. Prosvirin, 17 pp.

RUSSIAN, per, Inzhenerno-Fiz Zhur, No 2, 1963.

JPRS 19701

Sci

Jun 63

234,939

70
Effect of Operating Temperature on the
Properties of Alloy EI-437, by
V. I. Prosvirin, A. I. Zaytsev.
RUSSIAN, per, Trudy Nauchnyy Sovet po
Probleme Zharoprochnykh Splavov Issled
Staley i Splavov, 1964, pp 166-171.
•FTD-MT-65-383

Sci - W/H
Sept 65

Influence of Hexamethylenetetramine on the Conversion of
Polyvinyl Chloride into a Space Polymer, by G. S. Petrov
V. F. Prosvirkina, 7 pp.

RUSSIA, per, Zhur Prikl Khim, Vol XX, No 11, 1957,
pp 1660-1667.

Consultants Bureau

Sci - Chem

Feb 59

82,169

(NY-2900/53)

Basic Types of Motor Vehicles and Engines Planned
for Production in the Seven-Year Plan at the Gor'kiy
and Zavolzh'ye Plants, by A. D. Prosvirnin, 8 pp.

RUSSIAN, per, Byul Tekh-Ekon Informatsii, No 12,
1960, p 49.

JPRS 9259

USSR

Econ

158, 223

Jul 61

Design, Research, and Testing, by N. I. Borisov,
A. D. Prosvirnin, 17 pp. UNCL

RUSSIAN, per, Avtomobil'naya Promyshlennost', No 11,
1960, pp 6-15.

ACSI H-8437
ID 2161170

Sci - Engr
Mar 61

143,739

Distortion of the Azimuths of a Source of
Microseisms, Caused by Conditions of Their
Propagation, by L. N. Rykuncov and V. M.
Prosvirnin, 3 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser. Geofiz,
No 8, 1958, pp 1026-1028.

Amer Geophys Union

Sci

Dec 59

102, 164

The Character of the Free Oscillations of Piezo
Pickups Used in Modelling Seismic Phenomena, by
V. M. Prosvirnin, L. N. Rykunov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5,
4-57, pp 752-755.

Amer Geophys Union

Sci
Aug 60

122,149

94
Some Results of Research and Exploration Cruises
in Waters of the Equatorial Atlantic, Nov 1960-
Mar 1961, by E. S. Prosvirov,
RUSSIAN, per, Trudy Baltiiskiy Nauchno-Issled
Inst Morskogo Rybnogo Khoz i Okeanologii
BALTNEKO, No 8, 1962, pp 17-23.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

E. S. Prosvirov
Sci-Bar Sci
Jul 67

552,910

63
Poisonous and Dangerous Fish, USSR, by
Yevgeniy Sergeyevich Prosvirnov, 64 pp.
RUSSIAN, bk. Yedovityye i Opasnyye Ryby.
Kaliningrad, 1965, pp 1-79.
JPRS 31,309

Sci - B/E
Aug 65

206,594

(NY-4729)

Erection of Power Station in Turow, by Jerzy
Zabokrzycki, Jozef Proszynski, 7 pp.

POLISH, per, Energetyka, Vol XIV, No 4, Part II,
~~ENERGETYKA~~ 1960, pp 108-112.

JPRS 7422

ESur - Poland
Econ
Jan 61

136,970

77
Ultrasonic Inspection of Stainless Steel
Canning Tubes for the EL 4 Reactor,
by Andre Prot, Pierre Monnier,
FRENCH, rpt, Centre d'Etudes Nucleaires de
Saclay, Report No CEA-R 2577, Aug 1964,
9231659
AEC-HP-Tr-1288

Prot, Andre

sci - Elec
Jan 66

204,278

Microgranulometric Tests, by M. Prot.

FRENCH, Annales des Ponts Et Chaussées, Vol 1, January
1938, pp 94-118.

USA Corps of Engr, Waterways Exper Sta Tr 39-39

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

A9561

Available on loan at Research Center Library

Fatigue Test Under Progressive Charge, A New
Fatigue Test of Materials, by E. Marcel Prot,
21 pp.

FRENCH, mono, 10 Oct 47.

SLA 60-16883

Sci
May 62

Vol 4, No 8

Results of Fatigue Tests Under Progressive Load, by
Marcel Prot, 3 pp.

Full translation.

FRENCH, par, Rev de Met, Vol XLVIII, France, 1951,
pp 822-824.

*(British Iron & Steel
no number given)*

CIA/FDD Z-28

Also sent to A.C.S. 11-957-07470

WE - France

Scientific - Minerals/Metals, Fatigue tests, Progressive
~~test~~

A 9562

Oct 52 CTS/DEX

New Products of Polycondensation of
Formaldehyde with Aromatic Diamines,
Pt 1., by J. Fark, T. Prot.
POLIM, par, Polimery, Vol 9, 1964,
no 89-91.
SIA 32-66-10805

T. Prot

331, 573

821 87Chem

Experimental Treatment of Zineb-Caratano Against
"Ticchiolatura" of the Medlar Tree of Japan, by
U. Prota.

ITALIAN, per, Div. Ortoflorofruttic. Ital.
Vol 65, No 2, 1962, pp 162-170.

LEAD

U. PROTA

sci/ agric
aug 69

389,655

Research of the "Ticchiolatura" of Medlar Tree 66
of Japan and its Agent (*Pusicladium Erichotryae*
Cav.). 1. Observations on the Epidemiology of
the Disease and on the Morphobiological Characters
of the Parasite in Sardinia, by U. Prota.
ITALIAN, per, Studi Sassar. Sect. Vol 3, 1968,
pp 175-184.
JAD

U. PROTA

sci/agric
201 69

389,656

13 106

UK-30

PROTAS I. A. , KRAKAU Yu. A.

Chemical sensitization of highly dispersed emulsions for
exposure to various kinds of radiation

Zhur. Nauchn. i Prikl. Fot. i Kinemat. , 2, No. 4,
270-276 (1957)

M. 2550. On loan - English

E u r a t o m

TT-65-26459

Field 14E

Protas, I. R.; Krakau, Yu. A.; Sidorenkova, P. T.
ROL VAN THIOCYANAAT-IONEN BIJ DE CHE-
MISCHE SENSIBILISATIE VAN FOTOGRAFISCHE
EMULSIES MET GOUD (Roltsouv Rodana pri
Khimich, Sensib. Fotogr. Emulsii Zolotom). Tr. by
J. Estercam. 22p. CBT-III-90.
Order from CBT as CBT-III-90

Trans. in Dutch of Uspekhi Nauchnoi Fotografii (USSR)
v7 p87-95 1960.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

TT-65-26469

Field 14E

Probs. L.R.; Pruss, P. Kh.
OVER DE FUNCTIE VAN HET OPLOSSEND VERMOGEN
VAN DE EMULSIELAAG AFHANGENDE VAN HAAR DIKTE
(O Zavistimosti Razreshayushchei Sposobnosti Emulsionnogo
Sloya ot Ego Tolshchiny). Tr. by J. Estercam. 8p.
CBT-III-102.
Order from CBT as CBT-III-102

Trans. in Dutch of Zhurnal Nauchnoi i Prikladnoi Fotografii
i Kinematografii (USSR) v6 n4 p294-6 1961.

I. Centre Belge de Traductions
Brussels (Belgium)

European Translations Centre

Plates for Vacuum Ultraviolet Photography, by
I. R. Protas, 5 pp.

RUSSIAN, Per, Optika i Spektroskopiya, 1958,
Vol 3, IV, No 6, pp 803-805.

LC or SLA 59-15263

Sci
Nov 59
Vol 2, No 3

101, 344

✓
The Vacuum Fluorite Spectrograph, Photographic
Emulsions for It and Some Experimental Results
Obtained With the Instrument, by A. V. Yakovleva,
I. I. Gromova, I. R. Protas, 3 pp.

Full translation.

RUSSIAN, bim per, Iz Ak Nauk, Ser Fiz, Vol XIX,
No 1, 1955, ~~200~~ pp 84,85. CIA C 42053

Columbia Tech Tr

Scientific - Physics
May 56 CIB/dex

34,676

Thickness and Form of Silver Halide Crystals
in Photographic Emulsions, by I. R. Protas, P. Kh.
Pruss, Yu. A. Krahun, 13 pp.

RUSSIAN, for, Zhur Prik Khim, Vol XXII, N. 8, 1949,
pp 523-530.

CIA/FDD/X-1304

Scientifico- Chemistry
CTS/DEX

11,978

Resolving Power of ~~Thin~~ Photographic Emulsions,
by I. R. Protas.

RUSSIAN, per, Zhur Natch i Prikl Fotografii i
Kinematografii, Vol VII, No 2, 1962, pp 96-102.

HL N 8942

Sci - Phys
May 63

229,128

The Role of Rhodan Ions in Chemical Sensi-
tizing of Photographic Emulsions With Gold,
by I. R. Protas, Yu. A. Krakau, 15 pp.

RUSSIAN, per, Uspekhi Nauchnoy Fotografii,
Vol VIIIE, 1960, pp 87-95.

CIA/FDD XX-1063
No Foreign Dissem

Sci - Physics

May 63

USIB Internal Use Only

229,118

Chemical Sensitization of Highly Dispersed
Emulsions for Exposure to Various Kinds of
Radiation, by I. R. Protas, Yu. A. Krafau,
9 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotografii i
Kinematografi, Vol II, No 4, 1957, pp 270-276.

CIA/FDD XX-516

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Oct 58

516 61-516-1

IAC INTERNAL USE ONLY

74,059

Protas, I. R. and Prusa, P. Kh.
CONCERNING THE DEPENDENCE OF THE RESOLV-
ING POWER OF AN EMULSION LAYER ON ITS
THICKNESS. [1963] 5p. 7 refs.
Order from OTS or SLA \$1.10

63-16633

Trans. of Zhur[nal] Nauch[not i] Priklad[not] Fot[o-
grafi i] Kinemat[ogرافي] (USSR) 1961, v. 6, no. 4,
p. 294-296.

DESCRIPTORS: *Photographic emulsions, Thickness,
Resolution, Silver compounds, Halides, Optical images,
Films, Photographic film.

(Materials--Photographic, TT, v. 10, no. 8)

63-16633

I. Protas, I. R.
II. Prusa, P. Kh.

A247636

Office of Technical Services

Kinetics of Finishing of Photographic Emulsions,
by I. R. Protas, Lya-Dan', L. V. Popova, 12 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotografii i
Kinematografii, Vol XII, No 2, 1958, pp 88-95.

SLA 59-10915

Sci - Chem
Sep 59
Vol 2, No 1

97,431

CIA/EDD XX-667- USIB Internal Use Only
~~Analysis from CIA SLA 59-10915~~

Thickness of Emulsion Crystals and the Resolving
Power of Photographic Emulsions, by I. R. Protas,
P. Kh. Pruss, Yu. A. Krakau, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXII, No 9, 1949,
pp 978-982.

CIA/FDD/X-1271 10,810

Scientific - Chemistry
CTS/DEX

The Virological Characteristics of an Epidemic
Outbreak of Poliomyelitis in Novosibirsk in 1957,
by N. N. Vorob'yeva, N. N. Kharitonova, L. K.
Protas, Ya. Z. Simin, 5 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol IV, No 3,
1959, pp 296-300.

Pergamon Press

Sci

Jun 60

119,015

(NY-4(10)

Errors in the Diagnosis of Chronic Radiation
Sickness, by M. H. Pobedinskiy, L. R. Protas, 22 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 7, 1960.

JPRS 5761

Sci - Med

Nov 60

131,584

Determination of Plasma Parameters in Ne-Hg Mixtures,
by K. S. Mustafin, V. I. Protasevich, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 10,
1962, pp 1216-1222.

AIP
Sov Phys - Tech Phys
Vol VII, No 10

Sci
Jun 63

232,804

Protashchik, V. A.

EXPERIMENTAL DETERMINATION OF THE SURFACE-AREA OF MAGNESIUM OXIDE FORMED IN THE THERMAL DECOMPOSITION OF THE CARBONATE, BY CHEMADSORPTION OF RADIOACTIVE CARBON DIOXIDE, $C^{14}O_2$. [1960] 8p. 6 refs.

Order from LC or SLA m\$1.80, ph\$1.80 60-16768

Trans. of unidentified Russian article, 1956 or later.

Adsorption of radioactive $C^{14}O_2$ on the surface of samples of magnesium carbonate, all decomposed to the same extent at room temperature, does not depend on the duration of adsorption. Its magnitude at 2180 and for different adsorption times is practically equal to that at room temperature. The adsorption of $C^{14}O_2$ and hence the magnitude of the surface area vary linearly with the percent decomposition of the initial magnesium carbonate. Because $C^{14}O_2$ adsorption is independent of temperature, it was assumed that the surface of magnesium oxide is completely covered by (Chemistry--Physical, TT, v. 5, no. 8) (over)

60-16768

1. Magnesium oxides--Surface area
 2. Carbon dioxide (Labeled)--Adsorption
 3. Magnesium carbonates--Decomposition
1. Protashchik, V. A.

Office of Technical Services

The Effects of Co^{60} on the Rate of Decomposition of
Cobalt Formate, by B. V. Erofeev, V. A. Protashchik,
14 pp.

RUSSIAN, rpt, Proceedings of the Symposium on Chemical
Effects of Nuclear Transformations, Vol II, 1961,
pp 371-376.

ABC Tr-5054

Sci - Nuc Phys
Jun 62
List 69

197, 813

An Alliance of Colonialists and Monarchs, by
Protasov.

RUSSIAN, np, Soviet Russian, 1 Oct 1962.

FBIS Wire

~~EX~~

USSR

Mil

26 Oct 62

Altitude Signaling Device, by G. Protasov, 3 pp.

Full tr

RUSSIAN, per, Grazhdanskaya Aviatsiya, Vol XIV,
No 4, Apr 1957, p 23.

ATIC F-TS-9245/V.

Sci - Aeronautics
Jul 57

53,489

Improvements in the Equipment of the Roughing
Stand of the Heavy-Section Mill, by E. F.
Protasov, ~~and~~ V. P. Khlebnikov, A. I. Sikorskiy,
V. V. Gonchar, V. E. Stefanov, L. I. Boldyrev,
5 pp.

RUSSIAN, per, Metallurg, No 10, 1958, pp 25-28.

Consultants Bureau

Sci - Min/Met
Jun 59

88, 321

Forms of Nitrogenous Fertilizers for Cotton in Their
Principal Application, by P. Protasov, G. Yarovenko

RUSSIAN, per, Khlopkovodstvo, Vol 5, No 6, 1955,
pp 51-54. CIA D 432328

VCSK
Scientific - Biology
Economic

USDA
32,282

Mar 56

THOMAS A. HARRIS, 1000 N. W. 10TH AVE.,
ST. L. 10, MISSOURI, 63103.

RECEIVED BY: DIRECTOR, FBI, 10 11, 1962, P. 35.

SECRET

1. **THE**
 2. **THE**
 3. **THE**
 4. **THE**

1990

Soviet Developments in Machine Translation.
Soviet Say Machine Translators to be Common Reality
by 1960 (extract translation from the article "On
Cybernetics"), by V. Protasov,

RUSSIAN, ^{ref} ~~for~~, Vodnyy Transport, 27 Sep 1958, p 4.

US JPRS

Sci - Misc - Machine Translation
14/11/58

Automatic Estimation of Fish Migration
According to Size Groups, by V. P. Protasov, 41
Yu. A. Mitrokhin, 6 10-
RUSSIAN, per, In At High Seas, Russian
Biologicheskoe, Vol 23, No 4, 1960,
pp 607-609.
CPEZI 72-63-64362

V. P. Protasov

324,270
Sci - Earth Sciences and Oceanography
Apr 67

pp.

Morphological and Functional Features of the
Transition from Day Vision to Twilight Vision
in Some Black Sea Fish, by V. P. Protasov, Yu. I.
Altukhov, N. D. Kovaleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 1
1960, pp 195-198.

AIES

Sci

Aug 61

163613

An Electro-Physiological Study of Sight in Fishes,
by V. R. Protasov, 7 pp.

RUSSIAN, per, Ikhtiologicheskaya Komissiya Akademii
Nauk SSSR, Trudy Smoveshchaniy, No 8, 1958, pp 111-114

Fisheries Research Board of Canada
St. Andrews, Nanaimo and St. John's
Stations

Sci
Feb 64

42
The Part Played by Gravity Waves in Orientation
of Fish, by V. R. Protasov, Yu. D. Podlipalin.

9 pp.

RUSSIAN, bk. Voprosy Bioniki. Moscow, 1957.

pp 475-491.

JPRS 48122

V. R. Protasov

Sci-B and M

June 69

383,684

THE ROLE OF FOREIGNER IN THE ECONOMY OF THE
COUNTRY, BY A. F. KURBANOV, V. E. KURBANOV, 11 PP
MOSCOW, FOR THE STATE UNIVERSITY, FOR 1971, NO. 1,
1961, PP 123-144.

FOR THE

DECLASSIFIED

DECLASSIFIED

DEC 63

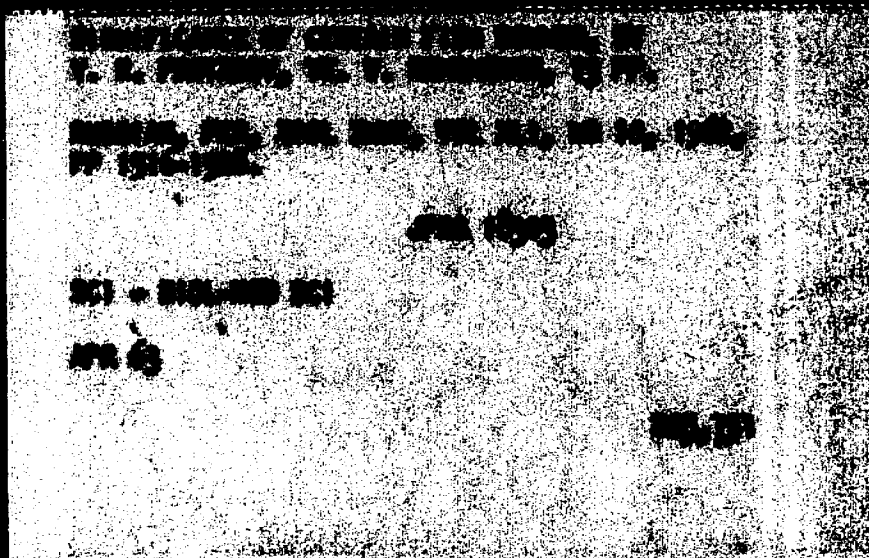
7. I. P. KURBANOV, G. A. GIL'FANOV, and A. A. KURBANOV, *Chem. Abstr.*, **57**, 12296 (1962).

WHEELER, R. W. *WHEELER*, 1961, pp. 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 84

THE

10-10-68

52



(DC-6355)

On the Nature of Sounds~~X~~ Produced by
Certain Black Sea Fish, by ~~NY~~ Ye. V.
Romanenko, V. R. Protasov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXIX, No 3, 21 Jul 1961,
pp 726-728.

JPRS 11738

Sci - Biol

179, 969

Jan 62

Hearing and "Voice" in Fish and Their Reactions
to Sounds, by G. A. Malyukina, V. R. Protasov,
13 pp.

RUSSIAN, per, Uspekhi Sovrem Biol, Vol L, No 2,
1960, pp 229-242.

Oliver & Boyd

Sci

Apr 61

144, 474

69
On the Possibility of Exploiting the Opto-
motor Reactions for Direction of Fish Movements,
by V. R. Protasov, Dr. P. Altshov,
RUSSIAN, per, Science News, No 2, 1961, pp 29-
32.

Dept of Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries

V. R. Protasov

BTM
Sci-News
May 67

326,864

(DC-2466).

Labor and Cadres, by B. A. Kalinin, K. N. ~~MENTEN~~
Kolichenko, V. S. Protasov, P. P. Sidorov, 41 pp.

RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,
1957, pp 389-430.

JPRS-L-1849-D

USSR

Econ - River Transport
Sep 59

95,610

Catalytic Reaction of Ethers with Carboxylic
Acids, by R. M. Flid, A. N. Protasova and E.
A. Trakhtenberg, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
6, 1957, pp 1460-1465.

Consultants Bureau

Sci - Chem

Sep 58

72,905

The Biological Significance of Variation in
Photosynthetic Products of Plants. by R. G.
Butenko, A. A. Nichiporovich, N. N. Protasova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 1,
1960, pp 210-212.

AIBS

Sci

Jul 61

160,763

The Effect of Gamma Irradiation on the Anaphylactic
Reaction of Guinea Pigs, by O. V. Protasova, 9 pp.
RUSSIAN, per, Zhurnal Mikrobiologii, Epidemiologii
i Immunobiologii, Vol XII, No 10, Oct 1964, pp 27-31,
JPRS 27,742

p20

Sel-Biol & Med
Feb 65

272,818

S-408/60

(NY-4135)

The Change in the Activity of the Endocrine
Glands in Experimental Radiation Pathology,
by P. D. Gorizontov, T. N. Protasova, 23 pp.

RUSSIAN, per, Arkhiv Patol, Vol XXII, No 4,
1960, pp 3-14.

JPRS 5177

Sci - Med

Sep 60

125,361

THE MECHANISM OF ACTION OF PROTECTIVE-THERAPEUTIC
COMBINATIONS IN ACUTE RADIATION SICKNESS IN MICE.
BY T. N. PRIGOROVA, 5 PP.

RUSSIAN, PER. MED. RADIOL. VOL. 411, NO. 3,
1961, PP. 66-70.

JPRS 52113

SCI-8101 & MED SCI
DEC 63

24,000

Effect of Adrenalectomy on Tyrosine Retention by the
Liver and on its Blood Level in Dogs and Rats, by
T. N. Protasova, V. P. Fedotov, 3 pp.

RUSSIA, per, Byul Eksper Biol i Meditsiny, Vol LV,
No 4, 1963, pp 63-66.

CB

Sci - Biol & Med Sci

266,501

Sep 64

(FDD 25690)

The Hormones of the Adrenal Cortex and Metabolism, by T. N. Protasova, 41 pp.

RUSSIAN, bimo per, Uspekh Sovrem Biol,
Vol XXXVIII, No 2, Moscow, Sep/Oct 1954, pp 199-
215.

AT- 3819

CIA/FDD/U-7371

USSR

Sci - Medicine, hematology

CTS 73 Oct 55

29,146

On the Curve of Attenuation, by V. A.
Protasova, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh
Tekstil Prom, No 2, 1961.

Tex Inst

Sci

Jan 63

220,245

Determination of Fibre Straightness by the Radiography
Method, by V. A. Protasova, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Tekh Tekstil
Prom, No 4(17), ~~199~~ 1960.

~~Textile~~
Textile Institute

Sci

193,062

May 62

61-15175

Protasova, V. A.INVESTIGATION OF IRREGULARITY DUE TO
DRAWING BY MEANS OF RADIO-ISOTOPES

(Metodika Issledovaniya Nerovnoty ot Vytyagivaniya s
Pomoshchyu Radioaktivnykh Izotopov) tr. by M. Slade.
[1960] [14]p. (foreign text included) 3 refs. Trans.
no. 4900.

Order from LC or SLA ml\$1.80, ph\$1.80 61-15175

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy.
Tekhnologiya Tekstil'noy Promshlennosti (USSR) 1959,
v. 3, no. 10, p. 88-95.

A method is described by which P^{32} is to be used for
investigating the irregularities due to drawing on
drawing frames, slubbing frames, and spinning ma-
chines in worsted spinning as a function of the num-
ber of doublings, the construction of the drawing
frame, and the composition of the roving.

(Materials--Textiles, TT, v. 5, no. 4)

1. Phosphorus isotopes
(Radioactive)--Applications
2. Fibers--Processing
3. Woolen textiles--Processing
4. Title: Spinning
- I. Protasova, V. A.
- II. CSIRO Trans-4900
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

The Mechanical-Chemical Pulping of Spruce According
to the Arsenowsky Method, by Czesław Protokt, 60
Jerzy Protokt.
POLISH, per, Prace Instytutu Leśnictwa i Drewniarstwa
Vol 6, No 1 (10), 1957, pp 18-20.
OTS 61-31270

Jerzy Protokt

Sol/Chem
May 65

274,482

(FDD 21263)

The Development of the Petroleum Industry of Croatia in
the Next Ten Years, by Radmilo Protic, 19 pp.

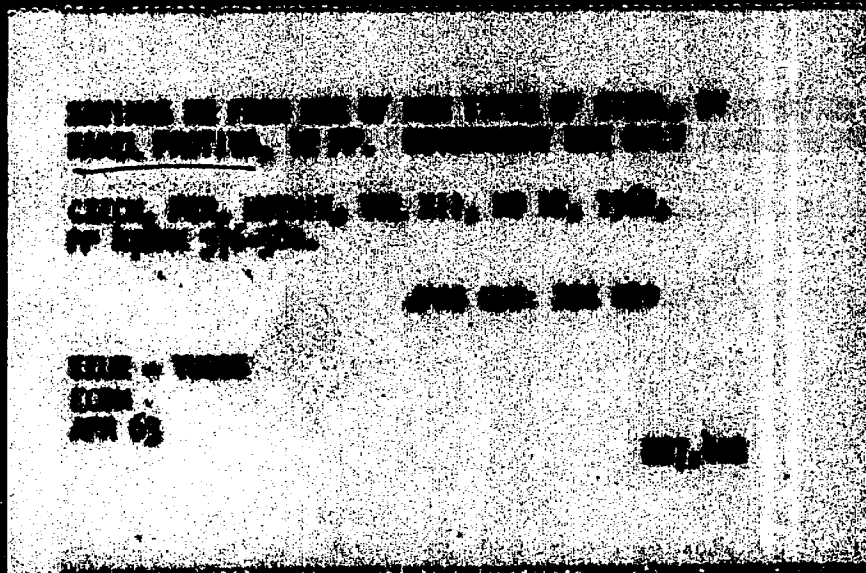
CROATIAN, no per, Nafta, Vol IV, No 9, Zagreb, Sep
1953, pp 279-284.

CIA/FDD/U-6214

EEur - Yugoslavia

Econ - Fuels

16,598



(FDD 28151)

Cholinergic Blocking Agents II* Bisquaternary
Salts Derived From 1, 5-Diamino, 3-Thiopentane,
by M. Borovich, M. Protiva, 8 pp.

CHSE, no per, Chemické Listy, Vol XLVIII/~~254~~
(73), No 9, Prague, Sep 1954, pp 1374-1377.

CIA/FDD U-8759

39,665

Wear - Czech
Sci - Medicine
Oct 56

Prošiva, Miroslav and others.
ANTIHISTAMINE SUBSTANCES. XXXI. CONTRIBU-
TION TO THE MECHANISM OF ACTION OF ANTI-
HISTAMINES (SIMPLE BENZYLAMINE AND
BENZHYDRYL AMINE SALTS). Jan 63, 6p.
Order from SLA \$1.10 63-10583

Partial trans. (p. 1621-1623) of Chemické Listy
(Czechoslovakia) 1953, v. 47 (no. 11) p. 1621-1632.

DESCRIPTORS: Drugs, *Antihistamines, *Benzyl
radicals, *Amines, Salts, *Diphenylmethanes,
Substitution reactions.

(Biological Sciences--Pharmacology, TT, v. 10, no. 2)

63-10583

I. Prošiva, M.
II. Title: Contribution...
III. Title: Simple...

A239610

Office of Technical Services

Czechoslovak Studies of Drugs, by Miroslav Protiva,
Otto Emer, *98J*

CZECH, per, Chemické Listy, Vol XLVII, No 2, 1953,
pp 213-218.

✓
*JPRS/DC-10301/SPECIAL

Sci-Biol Med Sci

Feb 64

Czechoslovak Studies of Drugs, by Miroslav Protiva,
Jiri O. Jilek, 500

CZECH, per, Chemické Listy, Vol XLVII, No 2, 1953,
pp 219-222.

JPRS/DC-10301/SPECIAL

Sci-Biol Med Sci

Feb 64

Synthetic Analogs of Curare Alkaloids VII. Two New Models of Tubocurarine and Two Other Bis-Quaternary Ammonium Salts, by Miroslav Protiva, Milos Borovicka, Lexa Cimler, Zdenek Sedivy, 12 pp.

CZECH, per, Chem Listy, Vol L, No 12, Prague, 1956, pp 1988-1994.

US JPRS/DC-L-970

Sci - Chemistry

75,767

**Mechanical Properties and Drillability of Rocks,
by M. M. Protodyakonov, 16 pp.**

RUSSIAN, paper.

**CIA REF XE-1346
NO FOREIGN DISSEM**

**Sci - Geophys
12 Mar 63**

224,540

USIB INTERNAL USE ONLY

The Present State and Development of the Theory
of Rock Breaking, by M. M. Pastodyakonov, 19 pp.

RUSSIAN, bk, Razrusheniye Ugley i Porod, 1958.

CBIR 168

Sci - Phys
Sep 61

167, 033

The Determination of the Strength of Mine Rocks
from Specimens of Irregular Form, by M. M.
Protod'konov.

No
RUSSIAN, per, Ugol, Vol. IV, No (373), 1957, pp
13-17.

1001
Re Res Council-C2359

Sci

Jul 59

91,357

Changes in Hardness of Fire-Coals Under Impregnation
With Methane, by I. L. ~~EE~~ Ettinger and N. M.
Protodjakonov

RUSSIAN, per, Dok Ak Nauk SSSR, 1952, Vol LXXXIV,
No 6, pp 1235-1238.

D.S.I.R. Tr No T.C.L. 48

Scientific - Fuels

List No 49, Apr 1953

1081

Methods for the Evaluation of Fissurization
in, and Strength of, a Rock Mass, by M. M.
Protodiakonov.

RUSSIAN, per, Inst. Gornogo Dela Im. A. A.
Skochinskogo, Moskva, 1964.

SACSIR/Ref: 449

M. M. PROTODIAKONOV

Sci -

Aug 67

335,789

Conference on Research Coordination in the Field
of Special (Physical) Methods for Disintegrating
Rock, by M. M. Protodyakonov.

RUSSIAN, per, Ugol, ~~XXX~~ 1957, pp 45, 46.

Dept of Int
US Bur of Mines
Central Exper Sta
Pittsburgh, Pa. No 350
TN 9, 252 No 147

Sci - Engr

May 59

87,739
SLA 59-15262

On the Question of a Unified Method of Deter-
mining the Strength of Coal, by M. M.
~~Protodyakonov~~ Protodyakonov, 25 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, No 2, 1943, pp 283-298.

2

MDF P-123

Sci - *mir/met*
Jul 61

161,388

Investigation of Plastic Disperse Systems
in Conditions of Uniform Stress, by G. V.
Vinogradov, V. G. Lebedev, V. A. Protodyakonov,
8 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVIII,
No 6, 1956, pp 633-642.

Consultants Bureau

Sci - Chem

57,173

Jan 58